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[IT/CH]; Strada di Gandria 73, CH-6976 Castagnola (CH).
RIZZI, Enrico [IT/IT]; Via Manzoni, 4, I-22070 Casnate
con Bernate (IT). **TAROZZO, Mirco** [IT/CH]; Via L. Pif-
faretti, CH-6853 Ligornetto (CH).

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(74) Agent: **ZARDI, Marco**; M. Zardi & CO. S.A., Via Pioda,
9, CH-6900 Lugano (CH).

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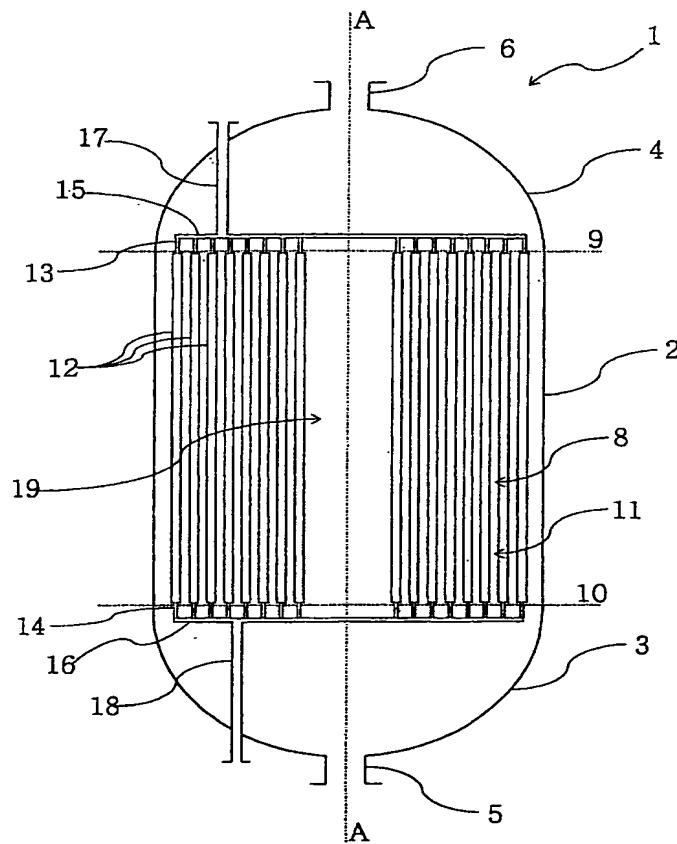
(71) Applicant (for all designated States except US):
METHANOL CASALE S.A. [CH/CH]; Via Giulio
Pocobelli, 6, CH-6900 Lugano-Besso (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FILIPPI, Ermanno**

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(54) Title: PSEUDO-ISOTHERMAL CATALYTIC REACTOR



(57) Abstract: Pseudo-isothermal chemical reactor
(1) for catalytic reactions with a vertical axis,
comprising a substantially cylindrical shell (2), Closed
at the opposite ends by upper (4) and lower (3) bottoms
respectively, a reaction zone (8) in which
a catalytic bed (11) and a plurality of flat, boxed,
plate-shaped heat exchangers (12), having the shape
of a parallelepiped and having long sides parallel
to said vertical axis and short sides perpendicular
to it, situated in said reaction zone and supported in
an arrangement on parallel cords at a predetermined
distance.

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